DELIVERABLE SIGN-OFF SHEET

TDD#:	02.96.69.0003	PCS#:_	1305	
TASK/S	ITE: CARNELL DOBLES (Les	TROMICS		
DCN#:	START - 02 T-00647	•	- -	• •
1. [7	Principal Author(s)			
	Apell S		. •	4/29/16
	Name(s)			Date
2.	Technical Editor			
-	· · · · · · · · · · · · · · · · · · ·			
	Name			Date
3. <u>I</u>	Group Leader/Peer Review	·		
,	120mg che 10			4/30/96
	Name			Date
. 0	Approval (Group Leader/ATEAM N	Mgr.)	~	
•	Name	e dim		4/30/96 Date

TDD Acceptance Report

START CONTRACT # 68-W5-0019 TDD NUMBER: 02-96-06-0021

Site/Project Name: Cornell-Dubiller

Activity Type: IV.D Technical Support Activities

Task: Analytical Services - REM & SA - Non-RAS

General Task Description: Analytical

DPO/PO: Lisa Guameiri Created On: 06/28/96

Priority: High

Staffing: Subpool (i.e. Analytical

Services)

Specific Element(s)

Estimated Cost: \$19,055.00

Estimated Hours: 0 Dedicated: Non-Dedicated: 0 **Estimated Completion Date:**

07/27/96

Acceptance Comments:

Accepted by:

O Rejected

Contractor Signature:

tor Signature:

Described B. Dougland. Ph.D., CIH

28 Jun 91 06/28/96
Signed On:

START assigned: - PM. Sumbaly

Qc. Soroka

SAMPLING TRIP REPORT

SITE NAME:

Cornell Dubilier Electronics South Plainfield, New Jersey

DCN #: START-02-F-00247

TDD #: 02-96-04-0003

PCS #: 1305

SAMPLING DATE:

April 23, 1996

1. Site Location:

333 Hamilton Avenue

South Plainfield, New Jersey

2. Sample Locations:

Refer to Table 1

3. Sample Designations and Locations:

Polychlorinatedbiphenyls:

Elements:

Refer to Table 2 Refer to Table 3

4. Laboratory Receiving Samples:

Ecology and Environment Laboratories 4493 Walden Avenue Lancaster, New York 14086

5. Sample Dispatch Data:

The following samples were shipped by Region II START personnel via Federal Express to Ecology and Environment Laboratories, Inc. on April 23, 1996 at approximately 1900 hours for analyses for Polychlorinated biphenyls (PCBs) using NIOSH Method 5503, or for lead, silver, cadmium, and arsenic using NIOSH method 7300 (Elements).

6. On-site Personnel:

<u>Name</u>	Ailmation	Duties On Site
Joseph Price Randy Kommsi Robert Montgomery	Region II START Region II START Region II EPA	Project Manager, sampler QA/QC, sampler On-Scene Coordinator

A ffiliation

7. Weather Conditions:

Clear skies, with a temperature ranging from an approximate 65-70°F. Winds were calm and ranged from 5 to 15 mph. Low humidity.

8. Additional Comments:

As directed in NIOSH method 7300 (Elements), samples analyzed for silver, cadmium, lead, and arsenic were collected using a 37 mm diameter, 8 micron (8 μ m) mixed cellulose ester filter (MCEF). Sample collection was performed at a calibrated flow rate of 3 liters/minute (L/m) for a sample period of 300 minutes which provided each sample with a calculated sample volume of 900 liters of air.

As directed in NIOSH method 5503 (Polychlorinatedbiphenyls), samples were collected for PCB analysis using a 13 mm glass fiber filter cassette in line with a 150 mg florisil sorbent tube. Sample collection was performed at a calibrated flow rate of 0.1 liters/minute (L/m) for a sample period of 300 minutes which provided each sample with a calculated sample volume of 30 liters of air.

Air sampling for PCBs and Elements was conducted in a side by side manner with both media positioned for collection along the fence perimeter of the Mr. Pepe's Driving school. An upwind or background sample was collected approximately 80 feet north of the property fenceline.

No problems were experienced during the sampling event. No deviations from the NIOSH methods referenced were performed.

Verbal analytical results are expected to be available within 3 business days following sample delivery and will be provided to the EPA On Scene Coordinator on Monday 29 April 1996. Preliminary draft results are attached in Appendix C of this report.

Locations were chosen on the basis of collecting 2 cross wind samples, 1 downwind sample, and 1 upwind sample from the site.

Table 1 illustrates the locations of the sample locations for both PCBs and elements.

TABLE 1
SAMPLING LOCATIONS

SAMPLING STATION	LOCATION	COMMENT
Station 1	Western Fenceline Perimeter	Cross Wind Sample
Station 2	Southern Fenceline Perimeter	Downwind Sample
Station 3	Eastern Fenceline Perimeter	Cross Wind Sample
Station 4	Background	80' Across From Fenceline Perimeter

TABLE 2. SAMPLE DESIGNATIONS AND LOCATIONS, POLYCHLORINATEDBIPHENYLS

Sample Number	Location
STN1-PCB	Station 1
STN2-PCB	Station 2
STN3-PCB	Station 3
STN4-PCB	Station 4
LB-PCB (A.B,C)	3 Lot Blanks
Blind PCB (A,B,C)	3 Blind Spike Blanks
ANAL-PCB (A,B,C)	3 Analytical Spike Blanks
DE-PCB (A-O)	15 Laboratory Desorbtion Efficiency Blanks

TABLE 3. SAMPLE DESIGNATIONS AND LOCATIONS, ELEMENTS

Sample Number	Location			
STN1-Pb	Station 1			
STN2-Pb	Station 2			
STN3-Pb	Station 3			
STN4-Pb	Station 4			
MCEF-SA	MCEF Lot spike blank - A			
MCEF-SB	MCEF Lot spike blank - B			
MCEF-LA	MCEF Lot blank - A			
MCEF-LB	MCEF Lot blank - B			
MCEF-FA	FA MCEF Field blank A			
MCEF-FB	MCEF Field blank B			

Report prepared by 9.

Report approved by: Thomas Well 10.

Date: $\frac{4/30/9\%}{9}$

APPENDIX A CHAIN OF CUSTODY RECORDS

CHAIN OF CUSTODY RECORD

Environmental Protection agency - Region II

Environmental Services Division

EDISON NEW MESSEY 08817

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CHAIN OF CUSTODY RECORD

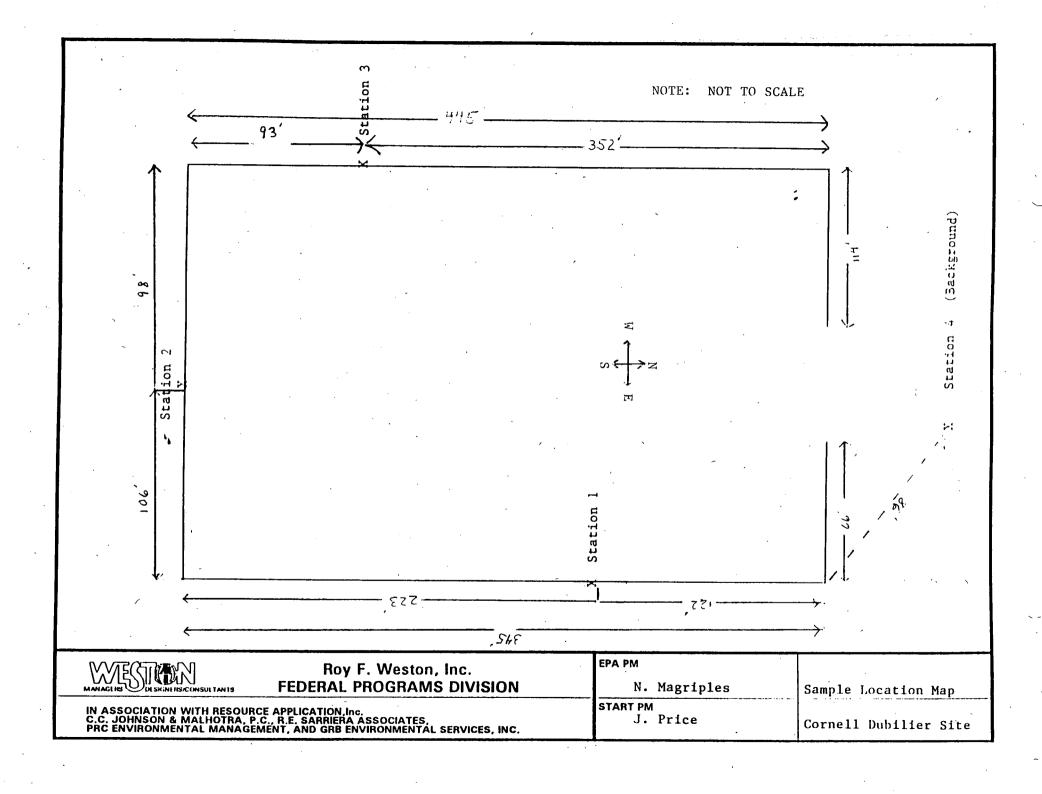
ENVIRONMENTAL PROTECTION AGENCY - REGION II

Brotronmental Services Division

Edison, New JERSEY, 08817

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APPENDIX B SAMPLE LOCATION MAP



APPENDIX C PRELIMINARY DRAFT RESULTS



ecology and environment, inc.

International Specialists in the Environment

AMALYTICAL SERVICES CENTER
4483 Waiden Avenue • Lancaster, New York 14086
Telephone: 718/685-8080 • Fex: 718/685-0852

Our pleage is to provide the highest quality enerytical results in a timely, efficient, and economical marmer.

TELECOPIER TRA	ANSMISSION FORM
4/29/96	Time: 4 rdo om
Project Number:	Total Number of Pages
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- Inita Sumbelu	
company: Roy F. Weston	
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- · Air (Canisters, Bags, Tenax ®, Charcoat)
- · Chlorophenois, AOX
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- · NPDES:SPDES
- · Soil Gas Screening (Field or Laboratory)
- TCLP
- * TPH BETX



Analytical Services...

edad 201547-91

Results of AIR Analysis for Polychlorinated Biphenyls Method NIOSH 5503

TEST CODE: APCB

ALL LESS THAN QUANTITATION LIMIT UNLESS NOTED

my/Tube

JOB: 9600, 789

(all results in we/m3) san

	4/29								
	·	No. 92-	43062	43065	43064	4.5065	42011		
Compound		Sample Identity	Blind- ICB-A	Blind-	Blind -	45065 LB-RB-A	LB-PCB-C		
	Quant. Limit	Date of Analysis	11 1	4/26/96		4/26/96	4/26/96		
. UU-1274	<i>u</i> . 1	:	100	NIV	NV	ND	ND		
PCB-1254							. ,		
PCB-1221									
PCB-1232		. 1							
PCB-1248		<u>.</u>							
PCR_1960									
PCB-1016			-1-			-	-		

P - Present below quantitation limit

X = Exceeds calibration limit

ND = Not detated

* THESE RESULTS ARE BELIEVED TO BE ACCURATE. THEY HAVE NOT UNDERGONE FINAL REVIEW.

Analytical Services...

Lettered bebe

Require of ATR Analysis for Polyshlerinated Bishanyla Method NIOSH 3303

TEST CODE: APCB

ALL LESS TEAN QUANTITATION LIMIT UNLESS NOTED

My/Tube

JOB: 5600. 785

(all results in wa/al)

	/	No. 92-	1.43067		
Compound		Identity	LB-PCB-C		
	Quant. Limit	Date of Analysis			
PCB-1242	0.10		ND		
PCB-1254			. 		
PCB-1221					
PCB-1232					
PCB-1248					
PCB-1260					
PCB-1016			4		

B _ Drecent below quantitation limit

NO = not detected.

X - Exceeds calibration limit

^{*} THESE RESULTS ARE BELIEVED TO BE ACCURATE. THEY HAVE NOT UNDERGONE FINAL REVIEW.



Analytical Services...

TOCACIOD DODGE

ey and Environment, Iris., Analytical Services Canter, P.O. Sex D. Suffalo, NY 14225, (718) 631-0360

DRAFT RESULTS *

Results of AIR Analysis for Polychlorinated Biphonyls Method NIOSH 5503

TEST CODE: APCB

ALL LESS THAN QUANTITATION LIMIT INLESS NOTED

JOB: 9600.785

(all results in ug/m3)

		_ Bewbje	43067			43071	
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PCB-1232							
PCB-1248							
FTE 1811	1.	1			•		

P = Present below quantitation limit

X - Exceeds calibration limit

ND- Not Detected

* THESE RESULTS ARE RELIEVED TO BE ACCIDANG MUDT HAVE UNBRESHED PRIVAL ASVERY.

ILM03.0

U.S. EPA - CLP

		INORCANIC	1 ANALYSES DATA	SHEET	EFA SAMPLE NO.
Lab Name: ECO	LOGY_AND_EM	/ /IRONMENT	Contract: _		43049
Lab Code: EAN	DE_ Ca	ase No. • 96	00 789 SAS No.		SDC No.: 43049
Matrix (soil/		MICE MED		•	,
				Lab Sar	mple ID: 43049
Level (low/me	d): LOW_	_		Date Re	eceived: 04/24/96
% Solide:	100.	0			
Ċ(oncentration	Units (ug	/L or mg/kg dr	Y weight	:): UG/FILTER
	CAS No.	Analyte	Concentration	C Q	м
	7429-90-5	Aluminum	,		NR
	7440-36-0	Antimony		-	- NR
	7440-38-2		20.4		- P
	7440-39-3	Barlum		-	NR
•	7440-41-7				NR
	7440 43-9 7440-70-2		C.56		<u> </u>
	7440-47-3	Calcium			_ NR
•	7440-48-4	Chromium_Cobalt	, ,		NR
:	7440-50-8	Copper		_	NR
'	7439-89-6	Iron			NR
	7439-92-1	Lead		-	NR
	7439-95-4	Magnesium	5.5	-	P NR
	7439-96-5	Manganese		-	- NR
	7439-97-6	Mercury			NR NR
4.	7440-02-0	Nickel			- NR
	7440-09-7	Potassium			- NR
	7782-49-2	Selenium			- NR
•	7440 22 4	Silver	0.065	B	- P
	7440-23-5	Sodium			NR
	7440-28-0	Thallium_			NR
	7440-62-2 7440-66-6	Vanadium_			- NR
	/440-00-0	Zinc			NR
		Cyanide		-	NR
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FORM I - IN

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INORGANIC	ANALYSES	$D\Lambda T\Lambda$	SHEET

EPA SAMPLE NO.

<pre>(atrix (soil/wate sevel (low/med): Solido:</pre>	Ca Er): Alk LOW_ 100.	se No.: 96		Lab Sam	43050 SDG No.: 4304 aple ID: 43050 sceived: 04/24/96
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	129-90-5 140-36-0				NR
		Antimony_ Arsenic	20.1	_	NR NR
	40-39-3	Barium —		-	P NR
74	40-41-7	Beryllium		-	- NR
74	40-43-9	Cadmium	0.55	-	- P
	40-70-2	Calcium			- NR
	40-47-3	Chromium_			NR
		Cobalt			NR
	40-50-8	Copper			NR
	39-89-6 39-92-1	IronLead		-	NR
		Magnesium	5.5	-	_ P
		Manganese			NR NR
		Mercury		-1	- NR
74	40-02-0	Nickel			- NR
		Potassium		_	NR
		Selenium_		_	NR
		Silver	0.071	B	- P
		Sodium			NR
		Thallium_ Vanadium_		_	NR
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FORM I - IN

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Lab Code:	EANDE C	ase No : 96	00.789 SAS No.			_	
	oil/water): AIR	FTI/ TP P	occide ball no.				
Level (lo			•				2: 43051
				D٤	ite Re	ceive	1: 04/24/96
s Solids:	T00	. U					
	Concentration	n Units (ug	/L or mg/kg dr	ум	eight): UG/	FILTER
	CAS No.	Analyto	Concentration	С	Q	M	
	7429-90-5			-		NR	
•	7440-36-0	Antimony_		-		- NR	
	7440-38-2	Arsenic	0.037	ŢŢ		P	
	7440-39-3 7440-41-7	Barium		_		NR	•
	/440-43-9	BeryllIum Cadmium	A 5886	=		NR	
	7440-70-2		0.0070	ש		P_	
	7440-47-3	Chromium	- 	11		NR	
	7440-48-4			-		NR	
	7440-50-8	Copper		-		NR	
	7439-89 6	Iron		-		NR	
	7439-92-1	Lead	1.4			- NR	0
•	7439-95-4	Magnesium		- ·		NR	
	7439-96-5	Manganese		-		NR	
	7439-97-6	Mercury_		-		NR	
	7440-02-0	Nickel		-		NR	
F	7440-09-7	Potassium]_],		NR	
	7782-49-2	Selenium_				NR	
	7440-22-4	Silver	0.0094	B .		P	
	7440-23-5 7440-28-0	Sodium				NR	•
	7440-62-2	Thallium Vanadium		_].		NR	
	7440 66 6	zinc		_ -		NR	
	1,220 00 0	Cyanide		_ -		NR	
		-,		- -		NR	
		,		-1-		-	
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mments:						•	
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		INORGANIC	ANALYSES DATA	SHEE	T	EPA SAMPL	E NO
Lab Name: EC	DLOGY_AND_EN	VIRONMENT_	Contract:	:		43052	
			UU.789 SAS No.	:		SDG No.:	1304
Matrix (soil,	water): AIR	FILTER				Le ID: 43052	
evel (low/me	wat tow		•				
Solids:	100			Dat	e Rec	eived: 04/24	1/96
•		`					
C	Concentration	n Units (ug	/L or mg/kg dr	y we	ight)	: UG/FILTER	
						 	
	CAS No.	Analyte	Concentration	C	Q	M	
	7429-90-5	Aluminum		- -		-	
	7440-36-0	Antimony_		-		NR NR	
	7440 - 38 - 2	Arsenic	0.037	ᇹ		P .	
	7440-39-3					NR	
	7440-41-7	Beryllium		- -		NR	
	7440-43-9	Cadmium_	0.0070	7 7		P	
	7440-70-2 7440-47-3					NR	
	7440-48-4	Chromium_				NR	
	7440-50-8	Cobalt				NR	
	7439-89-6	Copper				NR	
	7439-92-1	Iron				NR	
	7439-95-4	Lead	0.78			P .	
	7439-96-5	Magnesium				NR	
	7439-97-6	Manganese				NR	
	7440-02-0	Mercury_ Nickel		_ _		NR	
	7440-09-7	Potassium				NR	
	7782-49-2	Selenium		_ _		NR	
	7440-22-4	Silver	- A AAZA			NR	
:	7440-23-5	Sodium	0.0060	ਰ		P	
	7440-28-0	Thallium		-		NR	
	7440-62-2	Vanadium				NR	
	7440-66-6	Zinc		- -		NR .	
		Cyanide	 .	_		NR	
1	•		· · · · · · · · · · · · · · · · · · ·	-!	·	NR	
1: n-c					, l ,		
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mments:	~	•			4	TTTTACES:	
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	CLIENT_SAMPI	יבי דח: MCE]	'-LB				

FORM I - IN

F		INORGANIC	ANALYSES DATA	SHE	रग	EP	A SAMPLE NO.
Lab Name: ECO	LOGY_AND_ENV	IKONMEN'T_	Contract: _		·		43053
ab Code: EANI	DE_ Ca	se No.: 96	00.789 SAS NO.	:		SD	G No.: 43049
			· .				
evel (low/med			•				d: 04/24/96
Solids:	100.		•			COT 46	4. 04/24/9 0
•			/= /3 *				
	i	onites (ug	/L or mg/kg dry	/ we	ight) : गुतः	/FILTER
	CAS No.	Analyte	Concentration	С	· Q	М	
	7429-90-5	Aluminum_		_ -	<u> </u>	NR	
	7440-36-0 7440-38-2	Antimony_ Arsenic				NR	•.
		Barium	0.037	ַ ט		P	
	7440-41-7	Reryllium		- -		NR NR	
	17440-43-9	Cadmium	0.0070	0		- P	
~	7440-70-2	Calcium_ Chromium_]-		- NR	•
,	7440-47-3 7440-48-4	Chromium_				NR	
		Cobalt Copper		_ _		NR	
		Iron		- -		NR	
'	7439-92-1	Lead	0.61	- -		NR P	
	7439-95-4	Magnesium		- -		NR	
	7439-96-5	Manganese		- -		NR	
	7439-97-6	Mercury_				NR	
*	7440-02-0 7440-09-7	Nickel Potassium		_ _		NR	
		Selenium_		_ _		NR	
		Silver	0.0060	+ →		NR	
•	7440-23-5	Sodium		۲ <u> </u> –		P	
		Thallium_		-		NR	4
	7440-62-2	Vanadium_				NR	
	7440-66-6	Zinc		_ _		NR	
		Cyanide		_ _		NR	
lor Before:		Clarit	y Before:	_ '		Text	ure:
			y After: C				facts:
mments:							
	LIENT SAMPL	E ID: MCE	F-FA				
	-						

FORM I - IN

Lab Name: ECOLOGY_AND_ENVIRONMENT Contract: 43054 Lab Code: EANDE_						'
INORGANIC ANALYSES DATA SHEET			U.S.	EDV CTL	`	
Lab Code: EANDE		1	INORGANIC	1 ANALYSES DATA	SHEET	EPA SAMPLE NO
Matrix (scil/water): AIR FILTER Lab Sample 1D: 43054 Level (low/mod): LOW	Name: ECOL	Y_AND_ENVI	RONMENT_	Contract: _		43054
Matrix (scil/water): AIR FILTER Lab Sample 1D: 43054 Level (low/mod): LOW	Code: EAND	_ cae	se No.: 96	00.789 SAS No.		SDG No : 4304
Level (low/med): LOW						
Concentration Units (ug/L or mg/kg dry waight): UG/FILTER CAS No.	•			4	Lap Samp	Te ID: 43054
Cas No. Analyte Concentration C Q M 7429-90-5 Aluminum NR 7440-36-0 Antimony NR 7440-39-3 Berium NR 7440-41-7 Beryllium NR 7440-47-3 Calcium O.0070 D 7440-47-3 Chromium NR 7440-48-4 Cobalt NR 7440-48-4 Cobalt NR 7439-96-5 Manualiete NR 7439-96-5 Manualiete NR 7440-22-4 Selenium NR 7440-22-5 Selenium NR 7440-22-5 Selenium NR 7440-22-6 Thellium NR 7440-23-7 Thellium NR 7440-23-8 O 7440-26-6 Thellium NR 7440-66-6 Zinc NR 7440-80-80-80-80-80-80-80-80-80-80-80-80-80	I (low/mod)	LOW	_	-	Date Rec	eived: 04/24/96
CAS No. Analyte Concentration C Q M 7429-90-5 7440-36-0 7440-38-2 7440-39-3 7440-41-7 7440-43-9 7440-70-2 7440-47-3 7440-48-4 7440-50-8 7439-89-6 7439-96-5 7439-96-5 7439-96-5 7440-02-2 7440-02-7 7440-22-4 8000000000000000000000000000000000000	lids:	100.0	· ·			
CAS No. Analyte Concentration C Q M 7429-90-5 7440-36-0 7440-38-2 7440-39-3 Parium P	Co	ontwaties	Time of the control of the control	/- /-		,
T429-90-5	COL	entration	onits (ug.	/L or mg/kg dr	y weight)	: UG/FILTER,
T429-90-5					T 1	
7440-36-0 Antimony 7440-38-2 Arsenic 0.049 B P P NR 7440-41-7 Beryllium 0.0070 U P NR NR 7440-43-9 Cadrium 0.0070 U P NR T440-47-3 Chromium NR Cobalt NR T440-50-8 Copper Iron NR T439-95-4 Tron Lead NR T439-95-4 Tron Margnesium NR Margnesium NR T439-96-5 Margnesium NR Margnesium NR T440-22-4 Selenium NR NR NR T440-22-4 Selenium Selenium NR NR T440-23-5 T440-26-6 The 1 im NR NR T440-66-6 The 1 im NR Taken T		AS No.	Analyte	Concentration	C Q	M
7440-36-0 Antimony Arsenic 0.049 B P P NR 7440-39-3 Berium NR NR 7440-41-7 Beryllium O.0070 U P P NR NR P P NR NR P P NR P P NR P P NR P P P P P P P P P		429-90-5	Aluminum		-	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
7440-38-2 7440-39-3 Berium 7440-41-9 7440-43-9 7440-47-3 Cadmium Calcium Chromium 7440-48-4 Cobalt Copper Transperse Transpers Transperse Transpers Transperse Transp		440-36-0	Antimony T		-	
7440-41-7 7440-43-9 7440-43-9 7440-47-3 7440-47-3 7440-47-3 7440-47-3 Chromium Cobalt Cobalt Cobalt Copper Iron Frais-52-1 Frain-1-2-1 Frais-5-5-5 Frais-6-6 Frais-6-6-6 Frais-6-6-6 Frais-6-6 Frais-6-6-6 Frais-6-6 Frais-6-6-6 Frais-6-6 Fra	,	'440-38-2	Arsenic -	0.049	B	
7440-43-9 7440-70-2 7440-47-3 Chromium 7440-48-4 Cobalt Copper T439-89-6 T439-95-4 Magnesium Mangamese Man						NR
7440-70-2 Calcium NR 7440-47-3 Chromium NR 7440-48-4 Cobalt NR 7439-89-6 Iron NR 7439-95-4 Magnesium NR 7439-95-5 Manganese NR 7420-09-7 Y02-49-2 Selenium NR NR NR NR NR NR NR N	*					
7440-47-3 7440-48-4 7440-50-8 7439-89-6 1ron 17439-95-4 7439-95-4 Manyanese Margury N1 ckel MR NR			Cadmium	0.0070	<u> </u>	
7440-48-4 Cobalt Copper NR 7439-89-6 Iron Lead NR 7439-95-4 Magnesium NR 7439-96-5 Manuanese NR NR 7440-02-0 NICKel NR NR NR NR NR NR NR N					-	
7440-50-8 7439-89-6 1ron 1439-95-4 Magnesium 7439-96-5 Manganese Margury 1440-02-0 1782-49-2 7440-22-4 7440-23-5 7440-28-0 7440-66-6 Zinc Copper Iron U.24 NR	ļ				-	
7439-89-6 7439-95-4 Manganese Mangan						
7439-95-4 Magnesium 7439-96-5 Manganese Manganese 7440-02-0 Nickel Potassium 7482-49-2 Selenium 7440-22-4 Silver O.0060 U Proceed One of the control of the		439-89-6	Iron			
7439-96-5 7439-96-5 7439-96-5 7439-96-5 Mandanese Mordury N1 ckel /440-02-7 /782-49-2 7440-22-4 Silver 7440-28-0 7440-62-2 Vanadium 7440-66-6 Zinc			Dead	U.Z4		P
7419 07 6 Morcury Morc		1	Magnes1um			NR
7440-02-0 N1Ckel NR NR NR NR NR NR NR N			Mgijdaileae			
7440-09-7 7782-49-2 7440-22-4 7440-23-5 7440-28-0 7440-62-2 7440-66-6 7440-66-6 7440-66-6 7440-66-6 7440-66-6 7440-66-6 7440-66-6 7440-66-6 7440-66-6 7440-66-6 7440-66-6 7440-66-6 7440-66-6			MOTOUTY		_	
7/82-49-2 Selenium	1					
7440-22-4 Silver 0.0060 U P NR 7440-22-9 FOLIUM NR NR NR 7440-62-2 Vanadium Vanadium NR NR NR NR NR	٠.	782-49-2	Selenium			
7440-28-0 Thellium		440-22-4	silver	0.0060	ט	ע
7440-66-6 Zinc	į	440-28-0	2001 um		_	
7440-66-6 Zinc		448-62-2	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		-	
	1	440-66-6 2	Zinc -		-	
NR		(Cyanide		-	
	1	4			_	
Clarity Before: Texture:	pelore:		Clarit	y Before:		Texture:
Talliam African Cf Cf All All	* * * * * * * * * * * * * * * * * * *	· · · · · · · · · · · · · · · · · · ·				
Comments:	 .		*			
CLIENT SAMPLE ID: MCEF-FB	nus:	rmim causes	7 Ym	<u>.</u>		

FORM I - IN

		INORGANIC	ANALYSES DATA	SHEET	EPA SAMPLE NO.
Lab Name: EC	OLOGY_AND_EN	LRONMENT	Contract:		43055
			00.789 SAS No.		CDC N
Matrix (soil,	/water). ATD	Str mnn	210.	_	SDG No.: 43049
	,	FILTER		Lab Sampl	le ID: 43055
Level (low/me	ed): Tow_			Date Rece	ived: 04/24/96
% Solids:	100.	O		- 400 11000	11464: 04/24/96
: 1	•		/L or mg/kg dr	y weight):	UG/FILTER
1 4	CAS NO.	Analyte	Concentration	c o	M
	7429-90-5	Aluminum		_ _	NR
•	7440-36-0 7440-38-3	Antimony_ Arsenic		- -	NR
	7440-39-3	Barium -	0.037	1 ~ 1	P
	7440-41-7	Beryllium			NR
	7440-43-9	Cadmium	0.024		NR P
	7440-70-2	Calcium_			NR
	7440-47-3 7440-48-4	Chromium			NR
		Cobalt			VR
1	7439-89-6	Copper			NR
	7439-92-1	Lead			NR (
T	7439-95-4	Magnesium	0.96		₽_
x	7439-96-5	Manganese			<u>₹</u>
	7439-97-6	Mercury			<u>VR</u>
	7440-03-0	Nickel -			<u>IR</u>
	7440-09-7	Potassium			IR .
1	[7782-49-2]	Selenium			IR IR
1	7440-22-4	Silver	0.0060		
	7440-23-5	Sodium			াই
•	7440-28-0	Thallium			IR
		Vanadium_			IR
		Zinc			R
		Cyanide			R
Color Before:		Clarit	. Bufa	_ _	_1
Color After:			Before:	т	exture:
• ~	CL	Clarity	After: C	A	rtifacts:
Comments:	// THAM		•		
	CLIENT_SAMPL	E_ID:STN1	PB		
· · · · · · · · · · · · · · · · · · ·					

FORM I - IN

	. 20	INORGANIC	ATAD CESYLAMA	SH	EET	EPA SAMPLE	NO.
Lab Name: ECOI			· -		_	43056	
Lab Code: EANI	DE_ Ca	se No.: 96	00.789 SAS No.	:	_	SDG No.: 430	149
Matrix (soil/v						ole ID: 43056	' - -
Level (low/med			,				
*	10 m _	-		D	ate Rec	eived: 04/24/9) 6
k Solids:	100.	0 .					
Co	Incentration	Unite /ue	/T. on may/l				
· · · · ·		CHILLE (Ug)	/L or mg/kg dr	y v	verght)	: UG/FILTER	
	C3 C 37-					 	
	CAS No.	Analyte	Concentration	C	Q	M	
	7429-90-5	Aluminum		_		NR	
	7440-36-0	Antimony_		-,		NR NR	
	7440-38-2	Arsenic'-	0.037	שׁ		P	
1		Barium				NR	
	7440-41-7	Beryllium		-		NR	
4	7440-43-9	Cadmium_	0.013	B		P	
• •	7110-70 2	Calcium_				NR	
· ·		Chromium_		_		NR	
		Cobalt		_		NR	
	7440-50-8	Copper				NR	
	7439-89-6	Iron				NR	
		Lead	3.9			P	
•		Magnesium		_		NR	
\		Manganese Mercury		_		NR	
1	7440-02-0	Nickel -				NR	
		Potassium		_		NR	
		Selenium		-1		NR	
. •		Silver	0.022	副		NR	
:		Sodium	0.022	₽		P	
÷		Thallium		-1		NR	
	7440-62-2	Vanadium		- -[NR NR	
	7440-66-6	Zinc		- -		NR	
		ZincCyanide		- -		NR	
				- -			
olor Betore:		G2 +i +-		- ' ·		1	
Deroie.		Claric	y Before:			Texture:	
olor After:	CL	Clarit	y After: C			Artifacts:	
omments:				_			
	LIENT_SAMPL	E ID. STA	2_DD			• •	
			4-15 <u></u>				_
							_

FORM I - IN

		INORGANIC	1 Analyses data	SHEET	EPA SAMPLE NO.
Lab Name: ECC	LOGY_AND_EN	VIRONMENT_	Contract:	•	43057
					SDG No.: 43049
Malrix (soil/	Water) · Alv	ETT.TED	110		
				Lab Sam	ple ID: 43057
Lovel (low/me	q): rom	.		Date Red	ceived: 04/24/96
% Solids:	100	. 0			,,
C	oncentration	n Units (ug	/L or mg/kg dr	y weight)	: UG/FILTER
	CAS No.	Analyte	Concentration	C Q	M
	7429-90-5			-	NR
	7440-36-0 7440-38-2	Antimony_			NR
•	7440-39-3	Arsenic Barium	0.037	0	P \
	7440-41-7				NR
<u>.</u>	7440-43-9	Cadmium	0.0070	 	NR
	7440 70 2	Calcium	0.0070	"	P NR
	7440-47-3	Chromium		- 	NR NR
	7440-48-4	Cobalt_		-	NR NR
	7440-50-8	Copper		-	NR
	7439-89-6 7439-92-1	Iron			NR
	7439-95-4	Lead_	2.2		P
	7439-96-5	Magnesium Manganese			NR
	7439-97-6	Mercury_			NR
1 **	7440-02-0	Nickel			NR
	7440-09-7	Potassium			NR
	7782-49-2	Selenium		-	NR NR
	7440-22-4	Silver	0.0060	ŦŢ ———	P
	7410-23-5	Sodium		~	NR
	7440-28-0	Thallium			NR
i .	7440-62-2 7440-66-6	Vanadium_ Zinc			NR
	7440-00-0	Cyanide			NR
(CASTITUE_			NR
				_	!
Color Hefore:		Clarit	y Before:		Texture:
Color After:			y After: C	_	Artifacts:
Comments:					
	CLIENT_SAMPL	E TD: STM	3 DD		
		· · IN.	J-ED	•	

FORM I - IN

Lab Code: EANDE	Lab Name: ECC			·	<u>.</u>			430	58
Date Received: 04/24/96 Solids: 100.0				00.789 SAS No.	: _		_ S	DG No.	: 43049
Date Received: 04/24/96 Solids: 100.0			FILTER		La	.b Saπ	ple	ID: 43	058
Cas No.	Level (low/mo	d): LOW_			Da	te Re	ceiv	ed: 04	/24/96
CAS No. Analyte Concentration C Q M	% Solids:	100.	0						, 24, 30
CAS No. Analyte Concentration C Q M		Concentration	Units (ug	/L or mg/kg dr	v w	eiuht) - 170	3/2 3 (20	L'17
T429-90-5				U. J.	<u> </u>			-/	±R
7429-90-5		CAS No.	Analyte	Concentration	c	Q	М		•
7440-36-0	•	7429-90-5	Aluminum		_ .				ř
	•	7440-36-0	Antimony		- -				
7440-39-3 Barium			Arsenic	0.037	귱.				
7410-43 9 7440-70-2 7440-70-2 7440-47-3 7440-48-4 7440-50-8 7439-89-6 7439-92-1 7439-95-4 7439-95-4 7439-96-5 7439-97-6 7439-97-6 7440-02-0 7440-02-0 7440-22-4 7440-23-5 7440-23-5 7440-23-5 7440-23-5 7440-28-0 7440-66-6 7440-6					- .		NR		•
7440-70-2		7440-41-7				· .		-	
7440-48-4 Cobalt NR NR NR NR NR NR NR N				0.018	B				
7440-48-4			Chromism		_ -				
7440-50-8 7439-89-6 1ron 7439-92-1 1ead 7439-95-4 Manganese 7439-97-6 Mercury 7440-02-0 Nickel 7782-19-2 Sclenium 7782-19-2 Sclenium 7440-22-4 Soldium 7440-22-4 Vanadium 7440-66-6 Cyanide Clarity Before: Clarity After: C Artifacts:			Cobalt		_ -				
7439-89-6 Iron		7440-50-8			- -				
7439-95-4 7439-96-5 7439-97-6 7440-02-0 7440-02-0 7782-49-2 7440-22-4 7440-23-5 7440-28-0 7440-66-6 7440-66-6 Clarity Before: Clarity After: C Artifacts:		7439-89-6			- -				
7439-95-4 Magnesium NR NR NR NR NR NR NR N		7439-92-1	Lead	8.0	- -				
Manganese	•		Magnesium		71-		NR		
7440-02-0 7440-02-0 7782-49-2 7440-22-4 7440-23-5 7440-28-0 7440-66-6 7440-66-6 Cyanide Clarity Before: Clarity After: C Artifacts:			Manganese						
7782-49-2 7782-49-2 7440-22-4 7740-23-5 7740-28-0 7740-62-2 7740-66-6 Clarity Before: Clarity After: C Clarity After:									
7782-19-2	0.00	7440 00 0	MICKET		_ -		NR		
7440-22-4 7440-23-5 7440-28-0 7440-62-2 7440-66-6 Clarity Before: Clarity After: C Artifacts:	•		Selenium		<u>-</u>]_				•
7440-23-5 7440-28-0 7440-62-2 7440-66-6 Cyanide Clarity Before: Clarity After: C Artifacts:			Silver	0.0060	- -				
7440-62-2 Vanadium		7440-23-5			<u>-</u> ا				
7440-66-6 Zinc NR		7440-28-0			- -				
Clarity Before: Texture: Clarity After: C Artifacts:	ı	7440~62-2			- -				
clor Before: Clarity Before: Texture: Clarity After: C Artifacts:		7440-66-6			- -				
clarity Before: Texture: clor After: CL Clarity After: C Artifacts:			Cyanide		_ _			1	-
clor After: CL Clarity After: C Artifacts:			I.		_ _				. r ,
mments.			Clarit	y Before:			Text	ture:	
mments.	olor After:	CL	Clarity	y After: C			Art.	ifacte	•
CLIENT_SAMPLE_ID:STN1-PB	mments:								•
	•	CLIENT SAMPL	E ID: STN	-PB					•
							,		

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50 () a la l		3. Na2304
\\/_/_\alpha\/.\\/		4/ H2304
6. OI		5. Other (Specify) 6. Ics Only
7. WE	≭c	N. Not Preserved
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Roy F. Weston, Inc.

FEDERAL PROGRAMS DIVISION @ verbally insmited tolorching, Duelle @

REP. NO. CHAIN OF CHATTODAY		2N7
CHAIN OF CUSTODY RECORD	Marrix Roy V. C.	1=-0-
	1. Surface Water	Preservative Sca. No.
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PO No.: the attention of Smitz Sumbely, START Analytical Coordinator	3. Loschero	3. Na2804
	4. Rinsara	4. HZ3O4
52-65 625	5. Soil/Sediment	5. Other (Specify)
	6. Oil	6. Ice Only
	7. Weste	N. Not Preserved
Strice 201	8. Other (Specify)	<u> </u>
1090 King Georges Po	tt Roed Edison Xam	T oànas as
UENIGNEES CONTROL OF THE PROPERTY OF THE PROPE	Fax: 908-225-7037	Jensey U8821-2103
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. Weston, Inc.	_	
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in Association with Resource Applications, Inc., R. F. Sami

CHAIN OF CUSTODY RECORD RFP No.: Matrix Box No. 6: 1. Surface Water The Laboratory should send verbal and written results to i. Ha 2. Ground Water the attention of Smitz Sumbaly, START Analytical Coordinator 2. HN03 3. Leschete 3. Na2504 65625 4. Rineste 4. H2504 5. Soil/Sediment 5. Other (Specify) 6. OII 6. Ice Only 7. Waste N. Not Preserved 8. Other (Specify) Name of Unit and Address: Strite 201 1090 King Georges Post Road, Edison, New Jersey 08837-3703 Phone: 908-225-6116 Fax: 908-225-7037 DESIGNERS/CONSULTANTS Sample Number Sample Collection BAS ANALYSIS RCEA ANALYSIS MM/DD/YY/Time Metrix PRESERVAL A VOA ENA PEST PCB TALICN KIN COR REAC TPH Type OTHER (Pares LIMUH C/G frame box 7) CHICK, PIDHO CECR PD HG <u>Ac msimst</u> CACRADHO Cd. C.R. PbHa Ac m m Person Assuming Responsibility for Sample: Time 1700 612 Sample Number Time Date Received By: Reason for Change of Custody OLO LADO

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Reason for Change of Custody

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RECEIPT AT LAB

Roy F. Weston, Inc.

FEDERAL PROGRAMS DIVISION

In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management.

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DERAL PROGRAMS DIVISION

CHAIN OF CUSTODY RECORD Metrix Box No. 64 retire Box No. 7: 1. Surface Water 1. HC 2. HN03 2. Ground Water The Laboratory should send verbal and written results to 3. Na2504 3. Leachate the attention of Smita Sumbaly, START Analytical Coordinator 4. H2304 4. Rinesto 65625 5. Other (Specify) 5. Soil/Sediment 6. OI 6. Ice Only N. Not Preserved 7. Waste

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Roy F. Weston, Inc.

FEDERAL PROGRAMS DIVISION

In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management.

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Roy F. Weston, Inc.

2 OF 2

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5-21	06/29/96 1035	5	4/4	G	6				X	X						Charles 15 PS
SJ-21	06/29/96 1100	5	4/4	G	6				X	ÿ						Cd. Cr. As PS
5-22	06/29/96 1045	5	LIM	G	6				X	X						Col Cr Ag Hg Pb
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Roy F. Weston, Inc.



Roy F. Weston, Inc. Federal Programs Division Suite 201 1090 King Georges Post Road Edison, New Jersey 08837-3703 908-225-6116 • Fax 908-225-7037

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM EPA CONTRACT 68-W5-0019

9 June 1996

Mr. Nick Magriples U.S. Environmental Protection Agency Removal Action Branch 2890 Woodbridge Avenue Edison, NJ 08837

EPA CONTRACT NO: 68-W5-0019

TDD NO: 02-96-04-0003B

DOCUMENT CONTROL NO: START-02-F-00370

SUBJECT: SAMPLING TRIP REPORT - CORNELL-DUBILIER ELECTRONICS

Dear Mr. Magriples:

Enclosed please find the Sampling Trip Report for the 27/29 June 1996 sampling event. I am also forwarding a copy of the test pit subcontractor's (Goldstar Environmental Services') Health and Safety Plan; the HASP is currently being reviewed internally.

If you have any questions, do not hesitate to call me at (908) 225-6116.

Very truly yours,

ROY F. WESTON, INC.

Kathy Campbell Project Manager

Enclosures

cc: TDD File

SAMPLING TRIP REPORT

SITE NAME:

Cornell-Dubilier Electronics

EPA I.D. NO.:

GΖ

SAMPLING DATES:

27 & 29 June 1996

-

1. Site Location: Refer to Figure 1

2. Sample Locations: Refer to Figure 2

3. Sample Descriptions: Refer to Tables 1 and 2

4. Laboratory Receiving Samples:

Sample Type

Name and Address of Laboratory

Soil/Aqueous -

TCL PCBs and

Total Metals for

Ag, Cr, Cd, Hg,

and Pb

ICM Laboratory

1052 Route 10

Randolph, NJ

Sediment -

Total Organic Carbon (TOC) and Grain Size Distribution

5. Sample Dispatch Data:

The following samples were hand-delivered by Region II START personnel to ICM Laboratory on 28 June 1996 at approximately 1050 hours: 26 soil samples and one aqueous sample for TCL PCB and Total Metals (Ag, Cr, Cd, Hg, and Pb) analyses, and one sediment sample for TOC and grain size distribution analyses.

The following samples were hand-delivered by Region II START personnel to ICM Laboratory on 1 July 1996 at approximately 1000 hours: 22 soil samples and one aqueous sample for TCL PCB and Total Metals (Ag, Cr, Cd, Hg, and Pb) analyses.

6. On-Site Personnel:

<u>Name</u>	Company	Duties on Site
Nick Magriples	Region II EPA	On-Scene Coordinator
Christoph Stannik	Region II START	Task Manager/Documentation/Sampler
Jennifer Leahy*	Region II START	QC Coordinator/Documentation
Kevin McGarry	Region II START	Sampler
Swamy Ketha	Region II START	Sampler/Equipment Decontamination
Diane Delap	Region II START	Sampler/Equipment Decontamination
Patrick Austin	Region II START	Sampler/Equipment Decontamination

^{*} START Leahy was not on site for second sampling date (29 June 1996).

³ 7. Weather Conditions:

27 June - clear skies/sun, temperatures in 80°F range, winds estimated to be 10 to 15 mph. 29 June - sunny, approximately 78°F, winds 0 to 5 mph E to SE.

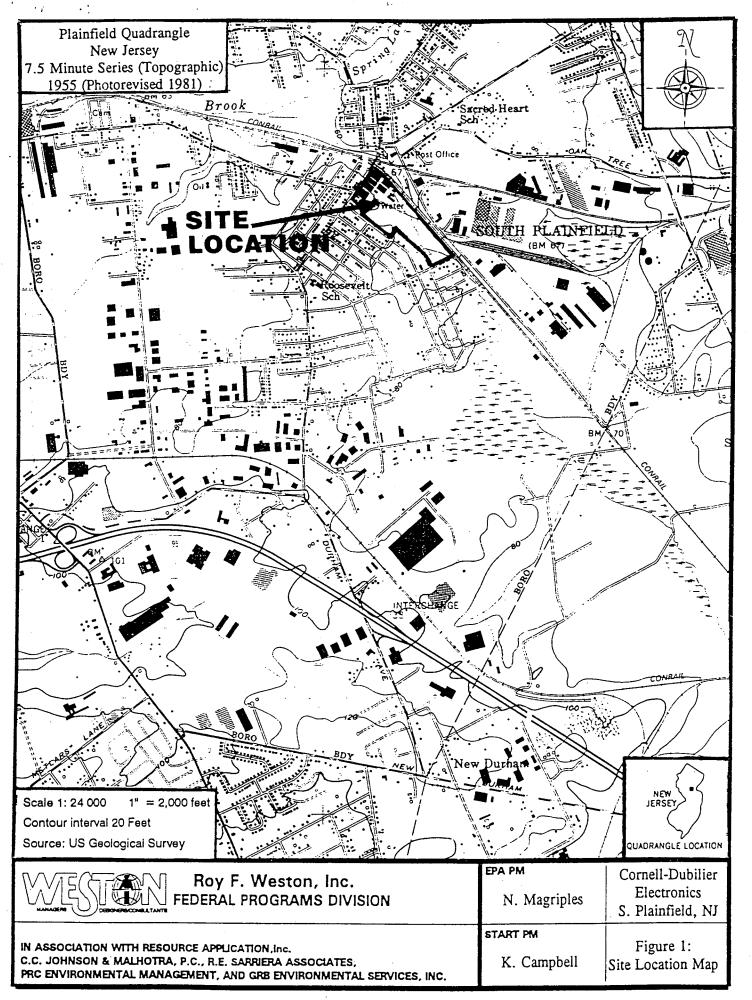
8. Additional Comments:

A total of 48 soil samples, including four field duplicate samples, were collected for TCL PCBs, and Total Metals for Ag, Cr, Cd, Hg, and Pb analyses. One sediment sample was collected for TOC and grain size distribution analyses. In addition, two rinsate blanks and four matrix spike/matrix spike duplicate (MS/MSD) samples were collected and delivered to the laboratory to meet QA/QC requirements for a QA-2 data quality objective level.

START collected Subsurface Soil Sample Nos. CDE-SS1 and CDE-SS2 at a depth of 3 to 6 inches below ground surface. The proposed sample depth range of 3 to 12 inches could not be achieved due to the presence of an asphalt-like layer at 6 inches below ground surface. Due to the dark appearance of the subsurface soils at Sample Location No. CDE-SS12, a Chlor-n-Soil PCB screening test (detection limit - 50 ppm) was performed on soil obtained from the auger boring. The results of the screening test indicated the presence of PCBs at approximately 50 ppm. The soil samples collected on Saturday, 29 June 1996, were monitored by START for storage cooler temperature until delivery to the laboratory on Monday, 1 July 1996. The rinsate blanks were prepared using demonstrated analyte-free deionized water. Upon direction of the OSC, four proposed storm drain sediment samples were not collected.

The analytical request submitted for the current phase of sampling includes both the samples collected on 27 and 29 June 1996 and the test pit excavation samples scheduled to be collected on 16 July 1996. A separate Sampling Trip Report will follow to address the test pit sampling event.

9.	Report Prepared by:	Karyl. Coll	Date: _	07/04/96	
10.	Report Reviewed by:_	Clinsto / St- il	Pate:	7/9/96	
		W. S. all Settlefor	1//_		



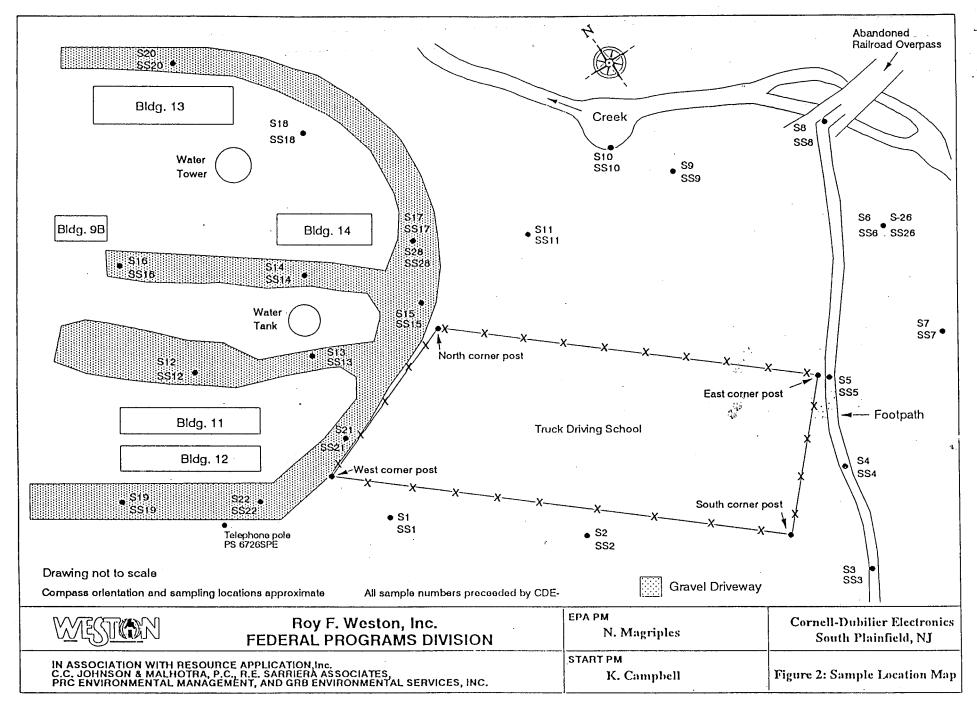


Table 1: Sample Descriptions Cornell-Dubilier Electronics South Plainfield, NJ Sampling Date: 27 June 1996

Sample Number	Time	Matrix	Sample Type	Analysis	Sample Depth [inches]	Location
CDE-S1"	0950	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	0-3	125 ft. southeast of west corner post of driving school fence, then 40 ft. southwest.
CDE-SS1"	1000	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	3-6 ^b	Same location as Sample No. CDE-S1.
CDE-S2	1010	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	0-3	280 ft. southeast of west corner post of driving school fence, then 25 ft. southwest.
CDE-SS2	1020	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	3-6 ^b	Same location as Sample No. CDE-S2.
CDE-S3	1030	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	0-3	30 ft. southwest of south corner post of driving school fence, then 94 ft. southeast.
CDE-SS3	1040	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	3-12	Same location as Sample No. CDE-S3.
CDE-S4	1045	Soil	. Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	0-3	103 ft. northeast of south corner post of driving school fence, then 23 ft. southeast.
CDE-SS4	1055	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	3-12	Same location as Sample No. CDE-S4.
CDE-S5	1335	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	0-3	7 ft. southeast of east corner post of driving school fence.

^{*} MS/MSD sample - indicates additional sample volume was submitted to the laboratory for matrix spike/matrix spike duplicate (MS/MSD) analysis.

^b Asphalt-like layer at 6 inches below ground surface.

Table 1: Sample Descriptions
Cornell-Dubilier Electronics
South Plainfield, NJ
Sampling Date: 27 June 1996

Sample Number	Time	Matrix	Sample Type	Analysis	Sample Depth [inches]	Location
CDE-SS5	1340	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	3-12	Same location as Sample No. CDE-S5.
CDE-S6	1350	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	0-3	87 ft. northeast of east corner post of driving school fence, then 28 ft. southeast.
CDE-SS6	1400	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	3-12	Same location as Sample No. CDE-S6.
CDE-S7	1415	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	0-3	35 ft. northeast from east corner post of driving school fence, then 137 ft. southeast.
CDE-SS7	1425	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	3-12	Same location as Sample No. CDE-S7.
CDE-S8	1525	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	0-3	138 ft. northeast from east corner post of driving school fence, then 25 ft. southeast; 3 ft. from inactive rail line in middle of footpath and 8 ft., 7 inches from old gate post at the RR overpass.
CDE-SS8	1530	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	3-12	Same location as Sample No. CDE-S8.
CDE-S9	1535	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	0-3	139 ft. northeast from east corner post of driving school fence, then 154 ft. northwest.
CDE-SS9	1540	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	3-12	Same location as Sample No. CDE-S9.
CDE-S10	· 1545	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	0-3	202 ft. northwest, along fence line, from east corner post of driving school fence, then 193 ft. northeast.

Table 1: Sample Descriptions
Cornell-Dubilier Electronics
South Plainfield, NJ
Sampling Date: 27 June 1996

Sample Number	Time	Matrix	Sample Type	Analysis	Sample Depth [inches]	Location
CDE-SS10	1550	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	3-12	Same location as Sample NO. CDE-S10.
CDE-S11	1600	· Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	0-3	234.6 ft. northwest, along fence line, from east corner post of driving school fence, then 91.4 ft. northeast.
CDE-SS11	1610	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	3-12	Same location as Sample No. CDE-S11.
CDE-S12	1700	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	0-3	83 ft. northwest and 50 ft., 6 inches east from east corner of Building No. 11 in the gravel driveway.
CDE-SS12	1710	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	3-15°	Same location as Sample No. CDE-S12.
CDE-S26 ⁴	1350	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	0-3	Same location as Sample No. CDE-S6.
CDE-SS26 ^d	1400	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	3-12	Same location as Sample No. CDE-SS6.
CDE-RIN1	1145	Aqueous	Composite	TCL PCBs, Ag, Cr, Cd, Hg, Pb	N/A	Composite trowel, bowl, and auger rinsate collected in the field.
CDE-SED4	1520	Sediment	Grab	TOC; grain size distribution	0-2	7 ft. from south side of drainage pipe which carries creek water flow under the abandoned railroad overpass.

^c Gravel driveway soil sample - depth measured and reported from bottom of gravel layer.

^d Duplicate sample - indicates that the sample was collected as an environmental field duplicate.

Table 2: Sample Descriptions Cornell-Dubilier Electronics South Plainfield, NJ Sampling Date: 29 June 1996

Sample Number	Time	Matrix	Sample Type	Analysis	Sample Depth [inches]	Location
CDE-S13	0835	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	0-3	66 ft. northeast from the northeast corner of Building No. 11, then 50 ft. to southeast; on driveway south of water tank.
CDE-SS13	0915	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	3-11*	Similar location as Sample No. CDE-S13, except 2 ft. closer to water tank at edge of driveway.
CDE-S14	0835	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	0-2	35 ft. southwest of southwest corner of Building No. 14, then 46 ft. east; northeast of water tank.
CDE-SS14	0855	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	3-15"	Same location as Sample Location No. CDE-S14.
CDE-S15 ^b	0935	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	0-3	21 ft., 4 in. northeast from north corner post of truck driving school (measured along wooden fence that extends northeast of post), then 13 ft., 6 in. northwest onto gravel driveway.
CDE-SS15 ^b	1000	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	3-15°	Same location as Sample No. CDE-S15.
CDE-S16	0855	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	0-3	19 ft. southeast of southwest corner of Building No. 9B, then 14 ft., 6 in. southwest onto gravel driveway.
CDE-SS16	0915	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	6-15°	Same location as Sample No. CDE-S16.

Gravel driveway soil sample - depth measured and reported from bottom of gravel layer.

b MS/MSD sample - indicates additional sample volume was submitted to the laboratory for matrix spike/matrix spike duplicate (MS/MSD) analysis.

Table 2: Sample Descriptions Cornell-Dubilier Electronics South Plainfield, NJ Sampling Date: 29 June 1996

Sample Number	Time	Matrix	Sample Type	Analysia	Sample Depth [inches]	Location
CDE-S17	1400	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	0-3	52 ft. southeast of southwest corner of Building No. 14 (parallel to west side of building), then 6 ft. northeast.
CDE-SS17	1420	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	4-16°	Same location as Sample No. CDE-S17.
CDE-S18	1355	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	0-3	81 ft. southeast of the southwest corner of Building No. 13 (parallel to southwest side of building), then 10 ft. southwest.
CDE-SS18	1415	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	3-13°	Same location as Sample No. CDE-S18.
CDE-S19	1145	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	0-3	66 ft. northwest of Utility Pole No. PS6726SPE and 49 ft from southeast corner of concrete loading dock at northwest end of Building No. 12.
CDE-SS19	1210	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	3-13*	Same location as Sample No. CDE-S19.
CDE-S20	1445	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	0-3	19 ft. northeast of northeast corner of Building No. 13 onto gravel driveway, then 41 feet northwest.
CDE-SS20	1500	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	4-16°	Same location as Sample No. CDE-S20.
CDE-S21	1035	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	0-3	68 ft. northeast of west corner post of driving school fence, then 25 ft. north onto gravel driveway.

[•] Gravel driveway soil sample - depth measured and reported from bottom of gravel layer.

Table 2: Sample Descriptions Cornell-Dubilier Electronics South Plainfield, NJ Sampling Date: 29 June 1996

Sample Number	Time	Matrix	Sample Type	Analysis	Sample Depth [inches]	Location
CDE-SS21	1100	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	6-14"	Same location as CDE-S21.
CDE-S22	1045	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	0-3	39 ft. southwest of the southeast corner of Building No. 12; gravel driveway.
CDE-SS22	1140	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	14-18° ⁽	Same location as Sample No. CDE-S22; collected within the gravel layer.
CDE-S28°	1400	Soil	Grab	TCL PCBs, Ag, Cr, Cd, Hg, Pb	0-3	Same location as Sample No. CDE-S17.
CDE-SS28°	1420	Soil	Grab	TCL PCBs; Ag, Cr, Cd, Hg, Pb	4-16°	Same location as Sample No. CDE-SS17.
CDE-RIN 2	1235	Aqueous	Composite	TCL PCBs, Ag, Cr, Cd, Hg, Pb	N/A	Composite trowel, bowl, and auger rinsate collected in the field.

Gravel driveway soil sample - depth measured and reported from bottom of gravel layer.

[°] Duplicate sample - indicates that the sample was collected as an environmental field duplicate.